

EXHIBIT A

Defendants' Expert Disclosure of
Timothy W. Martin, M.D.



Arkansas Children's Hospital changing children's lives

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DIVISION OF PEDIATRIC ANESTHESIOLOGY AND PAIN MEDICINE 501-364-2933 • FAX 501-364-2939

Timothy W. Martin, MD, MBA, FAAP
Professor / Chief

Michael L. Schmitz, MD
Professor / Vice Chief

J. Michael Volders, MD
Professor / Vice Chief

Jesus S. Apuya, MD
Professor

Winston Y. Ota, MD
Professor

Patti J. Kymmer, MD
Associate Professor / Vice Chief

J. Grady Crosland, MD
Associate Professor

Shirley N. D'Souza, MD
Associate Professor

Abid Ul Ghafoor, MD
Associate Professor

Lina Kulkarni, MD
Associate Professor

Anna Maria Onisel, MD
Associate Professor

Tariq Parney, MD
Associate Professor

Taranjit S. Bangari, MD
Associate Professor

M. Saif Siddiqui, MD
Associate Professor

W. Bryan Watkins, MD
Associate Professor

Edwin Abraham, MD
Assistant Professor

Jennifer Aunsbaugh, MD
Assistant Professor

Robert C. "Rob" Baker, MD
Assistant Professor

Christie Burnett-Yarnell, MD
Assistant Professor

Rahul DasGupta, MD
Assistant Professor

Terry G. Fletcher, MD
Assistant Professor

Joe Jensen, MD
Assistant Professor

Jennifer Hamrick, MD
Assistant Professor

Justin Hamrick, MD
Assistant Professor

Hani Hanna, MD
Assistant Professor

James Hunt, MD
Assistant Professor

Juliane Lee, MD
Assistant Professor

Robin Morris, MD
Assistant Professor

Whit Robben, MD
Assistant Professor

Kim Poteet-Schwartz MD
Assistant Professor

Sam Tariq, MD
Assistant Professor

Lori Thompson, MD
Assistant Professor

Michael W. White, MD
Assistant Professor

Jonida Zago, MD
Assistant Professor

May 1, 2014

RE: Report of Expert Opinions in the matter of *Daniel Lovelace and Helen Lovelace, Individually, and as Parents of Brett Lovelace, deceased v. Pediatric Anesthesiologists, P.A., Babu Rao Paidipalli, M.D. and Mark Clemons, M.D.*

I am Timothy W. Martin, M.D., a pediatric anesthesiologist practicing in Little Rock, Arkansas. My qualifications, including a list of all publications authored in the previous 10 years, are set forth in my CV attached hereto. I was licensed and practicing in a contiguous state to Tennessee within one year prior to the events subject to this lawsuit.

I have not testified in as an expert at trial or by deposition in the past 4 years. My charges for testifying are \$100 per hour for review and \$400 per hour for testifying at deposition or trial plus associated expenses.

In formulating the opinions I hold in this case I reviewed the following:

1. Medical records for the hospitalization of March 12, 2012 through March 14, 2012 from LeBonheur Children's Medical Center;
2. Deposition testimony of Dr. Paidipalli and Dr. Clemons;
3. Deposition testimony of Helen Lovelace and Daniel Lovelace and siblings;
4. Photographs of Brett Lovelace;
5. Expert reports of Plaintiff's Experts;
6. Agreed Order from the Tennessee Board of Nursing; and
7. Complaint

I am familiar with the recognized standard of acceptable professional practice for anesthesiologists and CRNAs providing anesthesia care in a children's hospital to patients such as Brett Lovelace undergoing a tonsillectomy/adenoidectomy as it existed in March 2012 in Memphis, Shelby County, Tennessee.

A major teaching affiliate of the University of Arkansas for Medical Sciences

The facts considered in forming my opinions are as follows:

Brett Lovelace was a 12 year old male referred to in the records as obese, but who according to the records was 174 centimeters tall and weighed 81 kilograms, which equals a body mass index of approximately 24 – 26. The records indicate that the patient had asthma but had not had a recent wheezing episode. The patient was a reasonable candidate for the surgery performed – a tonsillectomy/adenoidectomy.

The patient was awake and ventilating adequately at the time of extubation. The vital signs recorded at the bottom right corner of the anesthesia record indicate that the patient was breathing adequately at the time the patient was leaving the OR. At that time (10:35 a.m.), the patient's recorded vital signs were: blood pressure – 126/47, pulse – 118, respiratory rate – 22, and oxygen saturation – 100% on room air, all of which are good. The care of the patient was then transferred to the PACU nurse, Kelly Kish. The initial records in the PACU also indicate that the patient was breathing adequately at that time. The patient was stable at the time of transfer to the PACU. According to the father, the pulse oximeter began beeping approximately 10 minutes after arrival in the PACU.

At some point, either while in route to the PACU or upon arrival in the PACU, Brett Lovelace turned to a prone position. Due to an airway obstruction that persisted over a period of 30 – 45 minutes or perhaps up to an hour while the patient was in the PACU, the patient suffered hypoxia, hypercarbia, cardiac arrest and ultimately death. The PACU nurse never attempted to notify the anesthesiologist of any problem until after the patient "coded", at which point the anesthesiologist (Dr. Paidipalli) promptly responded to the call, but the patient had to be resuscitated.

The opinions I will express at trial are as follows:

It is my opinion that the care and treatment provided by Dr. Paidipalli and the Anesthesia team complied with the recognized standard of acceptable professional practice in Memphis, Shelby County, Tennessee in March 2012. It is further my opinion that the PACU nurse, Kelly Kish deviated from the standard of care causing injury to the patient. My opinions are based upon my education, training, experience as well as my review of the records, pleadings and depositions in this case. I disagree with plaintiff's expert, Dr. Jason Kennedy and will refute those opinions.

Specifically, it is my opinion that Dr. Paidipalli met the standard of care in removal of the endotracheal tube. I disagree with Dr. Kennedy's opinions on the relevance of the tidal volumes. Tidal volumes increase rapidly during the last 5-10 minutes of the case and do not provide accurate data during extubation. The records show that the patient was awake and ventilating adequately. The patient was following commands to open his eyes and take a deep breath. It is my opinion that the patient was appropriately monitored in the OR and that the anesthesia care complied with the standard of care in all respects.

I disagree with the opinions of Dr. Kennedy regarding the patient's CO₂ level. Dr. Kennedy states Brett's CO₂ level was 56 (and opines that it was likely higher by speculating using the ABG's done at the time of the code) There was nothing unusual about Brett's CO₂ level in the OR. CO₂ retention is expected and normal for a patient like Brett who is obese and has sleep apnea and spontaneously ventilating at the end of a case.

Regarding the patient's repositioning himself to a prone position at some point following the surgery, it is my opinion that it is not unusual for children to roll onto their stomachs or onto their sides after extubation; generally patients turn to whatever position is most comfortable for the patient and it is not a deviation from the standard of care to allow a patient to reposition himself to a prone position so long as the patient is being monitored to insure that his head is turned to the side a little bit. The PACU nurse would have had the responsibility to monitor the patient's position and whether the patient's vital signs remained stable and airway patency in that position. In this case, the PACU nurse failed to properly monitor the positioning of the patient.

After the care of a stable patient is transferred to the PACU nurse, the standard of care for anesthesiologists is to remain available if requested to assist in the care of the patient in the PACU if notified of a problem with the patient. The standard of care does not require the anesthesiologist to assess, monitor, or assist with the care of the patient in the PACU, unless the PACU nurse requests the anesthesiologist to do so. Anesthesia personnel depend on the recovery room staff to adequately monitor the patient and that is in compliance with the standard of care.

I disagree with Dr. Kennedy's opinion that the standard of care required oxygen supplementation in the PACU. It is not the standard of care to require patients to be sent from the operating room to the PACU with supplemental oxygen and the majority of the time patients are not on supplemental oxygen. If the patient has difficulty maintaining SATs in the OR then the anesthesia provider may order oxygen supplementation. In this case, Brett's O2 sat was 100% when he left the OR and when he was brought to the PACU. The records show that Brett's O2 sat was still 100% when CRNA Freeman left the PACU after having turned over the care of the patient to the PACU nurse.

It is my opinion that the pre-operative management, intra-operative management, and post-operative management in the operating room, were appropriate and complied with the recognized standard of acceptable professional practice as it existed in Memphis, Tennessee in March 2012.

It is my opinion that there was gross negligence on the part of the PACU nurse, Kelly Kish as she failed to properly monitor the patient and failed to notify the anesthesia team when the patient's condition changed.



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Professor of Anesthesiology
Cleveland C. Burton Endowed Chair in Pediatric
Anesthesiology
Vice Chair for Education and Administration
Department of Anesthesiology
UAMS College of Medicine

Chief, Division of Pediatric Anesthesia
Arkansas Children's Hospital

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Graduate Medical Education

Pediatric Anesthesia Fellowship July 1987-June 1988
Department of Anesthesiology
Children's Hospital Medical Center
University of Cincinnati College of Medicine
Cincinnati, Ohio

Anesthesiology Residency July 1985-June 1987
Department of Anesthesiology
Wilford Hall USAF Medical Center
Lackland Air Force Base
San Antonio, Texas

Rotating Internship July 1984-June 1985
Department of Medicine
Wilford Hall USAF Medical Center
Lackland Air Force Base
San Antonio, Texas

Education

MBA (Master of Business Administration) Dec 1997-May 1999
College of Business
University of Arkansas at Little Rock
Little Rock, Arkansas

M.D. (Doctor of Medicine) April 1978-June 1984
Combined six-year B.A./M.D. Program
School of Medicine
University of Missouri at Kansas City
Kansas City, Missouri

B.A. (Biology, with Distinction) August 1978-July 1982
Combined six-year B.A./M.D. Program
College of Arts and Sciences
University of Missouri at Kansas City
Kansas City, Missouri

Revised 12/23/2013

Academic Appointments

Cleveland C. Burton Endowed Chair in Pediatric Anesthesiology Arkansas Children's Hospital University of Arkansas for Medical Sciences	March 2011-present
Professor of Anesthesiology (with Tenure) Clinical Educator Pathway Department of Anesthesiology College of Medicine University of Arkansas for Medical Sciences Little Rock, Arkansas	July 2003-present
Vice-Chair for Education and Administration Department of Anesthesiology College of Medicine University of Arkansas for Medical Sciences Little Rock, Arkansas	September 2002-present
Associate Professor of Anesthesiology (with Tenure) Clinical Educator Pathway Department of Anesthesiology College of Medicine University of Arkansas for Medical Sciences Little Rock, Arkansas	July 1997-June 2003
Assistant Professor of Anesthesiology Clinical Educator Pathway Department of Anesthesiology University of Arkansas for Medical Sciences Little Rock, Arkansas	October 1993-June 1997
Vice-Chairman Department of Anesthesiology Wilford Hall USAF Medical Center Lackland Air Force Base San Antonio, Texas	July 1992-Sept 1993

Other Positions and Employment

Chief Division of Pediatric Anesthesia and Pain Medicine Arkansas Children's Hospital	March 1996-present
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Other Positions and Employment, continued

Associate Chief Division of Pediatric Anesthesia and Pain Medicine Arkansas Children's Hospital	June 1995-March 1996
Staff Anesthesiologist Division of Pediatric Anesthesiology and Pain Medicine Arkansas Children's Hospital	October 1993-present
Director of Clinical Anesthesia Services Wilford Hall USAF Medical Center Lackland AFB, San Antonio, Texas	July 1991-July, 1992
Affiliate Faculty Advanced Cardiac Life Support (ACLS) American Heart Association Wilford Hall USAF Medical Center Lackland AFB, San Antonio, Texas	July 1990-Sept 1993
Chief Section of Pediatric Anesthesia Department of Anesthesiology Wilford Hall USAF Medical Center Lackland AFB, San Antonio, Texas	August 1988-Sept 1993
Staff Anesthesiologist Department of Anesthesiology Wilford Hall USAF Medical Center Lackland AFB, San Antonio, Texas	August 1988-Sept 1993

Military Service

United States Air Force Reserve (Retired) Permanent Rank of Colonel Air Reserve Personnel Center Denver, Colorado	September 2004-present
United States Air Force Reserve (Medical Corps) Individual Mobilization Augmentee (IMA) Wilford Hall Medical Center / 59 th Medical Wing Lackland AFB, Texas	October 1993-Sept 2004
United States Air Force (extended active duty, Medical Corps) Wilford Hall Medical Center / 59 th Medical Wing Lackland AFB, Texas	June 1984-Sept 1993

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Military Service, continued

United States Air Force Reserve (Medical Services Corp)	July 1980-May 1984
Health Professions Scholarship Program (HPSP)	
Air Reserve Personnel Center (ARPC)	
Denver, Colorado	

Certification and Licensure

Diplomate, American Board of Anesthesiology	1988-indefinite
Recertification, American Board of Anesthesiology	2003-2013
Maintenance of Certification in Anesthesiology (MOCA)	2014-2023
Certification (subspecialty) in Pediatric Anesthesiology	2013-2023
Arkansas State Medical License (active)	1993-present
Ohio State Medical License (active)	1987-present
Texas State Medical License (active)	1998-present
Kentucky State Medical License (inactive)	2001-present

Professional Memberships and Activities

Arkansas Medical Foundation, Board of Directors	2007-present
Vice-President	2010-2013
Member	2007-present
American Board of Anesthesiology (ABA)	2006-present
Associate Examiner	2009-2016
Associate Editor: <i>Anesthesia and Analgesia</i>	2011-2013
Journal Article Reviewer: <i>Anesthesia and Analgesia</i>	1996-present
Society for Education in Anesthesia (SEA)	2006-present
Member	
Journal Article Reviewer: <i>Pediatrics</i>	2005-present
Journal Article Reviewer: <i>Journal of Pediatrics</i>	2013-present
Arkansas Medical Society	2003-present
Member	

Professional Memberships and Activities, continued

American College of Physician Executives (ACPE) Member	1995-present
Arkansas Society of Anesthesiologists (ARSA) Member	1994-present
Society for Pediatric Anesthesia (SPA) Member	1987-present
American Society of Anesthesiologists (ASA) Member	1986-present
International Anesthesia Research Society (IARS) Member	1986-present
American Medical Association (AMA) Member	1984-present

Honors and Awards**UAMS Faculty Service**

Cleveland C. Burton Endowed Chair in Pediatric Anesthesiology University of Arkansas for Medical Sciences Arkansas Children's Hospital	2011-present
"Red Sash" Award Recognition for Excellence in Medical Student Education University of Arkansas for Medical Sciences College of Medicine	1995 2012
"Golden Apple" Award Recognition for Excellence in Resident Education University of Arkansas for Medical Sciences College of Medicine	2002, 2003
Selected for inclusion in the list of "Best Doctors in the United States" Best Doctors, Inc. Aiken, South Carolina	1996, 1999, 2002 2004, 2006, 2008, 2010, 2012

Military Service

Meritorious Service Medal	1993, 1999
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Military Service, continued

Outstanding Graduate United States Air Force Air War College Maxwell AFB, Alabama	1998
Staff Physician of the Quarter Wilford Hall USAF Medical Center	1991

Business School

Voted "Outstanding EMBA Student" by faculty and other students University of Arkansas at Little Rock College of Business	1999
Inducted into Beta Gamma Sigma The National Honor Society of the American Assembly of Collegiate Schools of Business University of Arkansas at Little Rock College of Business	1999

Residency and Fellowship

Chief Resident, Department of Anesthesiology Wilford Hall USAF Medical Center	1986-1987
Robert D. Dripps, M.D. Award "Outstanding Graduate Resident" in Anesthesiology University of Cincinnati College of Medicine	1988

Medical School and College

Phi Kappa Phi Honor Society	1981
Omicron Delta Kappa Honor Society	1982
John Hunter Award for Academic Excellence in Anatomy	1981
Vice-Chancellor for Student Affairs Honors Recognition Award	1984
Missouri State Medical Association Honors Graduate Award	1984
Inducted into Alpha Omega Alpha National Medical Honor Society (AOA Delta Chapter at UMKC School of Medicine Chartered after 1984)	2002

Community Service Awards

Governor's Volunteer Excellence Award 2005
State of Arkansas

Louise Loughborough Award 2005, 2011
Historic Arkansas Museum
Little Rock, Arkansas

Committee Assignments and Administrative Service Arkansas Children's Hospital

Chief of Medical Staff July 2011-June 2013
Arkansas Children's Hospital

Vice Chief of Medical Staff January 2010-June 2011
Arkansas Children's Hospital

Medical Staff Leadership Committee January 2010-present
Chair July 2011-June 2013

Patient Care Committee August 1994-June 1999
July 2011-present

Peer Review and Risk Management Committee July 2011-present

Quality and Patient Safety Committee Member July 2011-present

Respiratory Care Services Council July 2005-present

CEO Leadership Group July 2005-June 2013
Member

Arkansas Children's Hospital Leadership Council July 2011-June 2013

Patient Safety Steering Committee July 2008-June 2011
Member
(Now the Quality and Patient Safety Committee)

Medical Staff Health Committee July 2004-June 2011
Co-Chair March 1996-June 2011
Member

Procedural Sedation Committee April 2004-June 2011
Chair

**Committee Assignments and Administrative Service
Arkansas Children's Hospital, continued**

Medication Security Committee Member	July 2003-June 2005
Search Committee, Chief Nursing Officer (CNO) Member	Sept 2008-June 2009
Medical Staff Executive Committee Chair (Chief of Medical Staff) Member	July 2011-June 2013 March 1996-present
Surgical Services Executive Committee Member	March 1996-present
Surgical Affairs Committee Member	March 1996-present
Children's Faculty Group Practice Committee (Formerly Council of ACH Hospital Service Chiefs)	March 1996-present
Strategic Issues Committee Member	July 1996-June 1997

**Committee Assignments and Administrative Service
Arkansas Children's Hospital Board of Directors**

Member (first term) Member (second term as Chief of Medical Staff)	October 1996-Sept 1997 July 2011-June 2013
ACH Board Credentialing Committee Member	July 2011-June 2013
ACH Board Quality and Services Committee Member	July 2011-June 2013
ACH Board Finance Committee Member	October 1996-Sept 1997
ACH Board Executive Committee Ex-Efficio Member	July 2011-June 2013

**Committee Assignments and Administrative Service
University of Arkansas for Medical Sciences (UAMS)**

College of Medicine Promotion and Tenure Committee Member	July 2008-June 2010
College of Medicine Dean's Executive Committee Member	July 2007-June 2009
Medical Staff Health Committee University of Arkansas for Medical Sciences (UAMS) Member	July 2007-June 2009
Search Committee, Department of Pediatrics Chair Member	July 2006-March 2007
UAMS Faculty Group Practice Executive Committee Member	July 2007-June 2010
UAMS Faculty Group Practice Faculty Benefits Subcommittee Chair	September 2010-present
UAMS Faculty Group Practice Managed Care Subcommittee Member	July 1996-June 2001
College of Medicine Medical School Applicant Interview Team	June 1994-January 2010
Anesthesiology Resident Education Committee Member	October 1993-present
Anesthesiology Resident Peer Review/Evaluation Committee (Formerly Clinical Competence Committee) Member	October 1993-present
Anesthesiology Resident Selection Committee Member	October 1993-present
Department of Anesthesiology Incentive Plan Committee Chair Member	July 1995-June 1997 July 2001-present

**Committee Assignments and Administrative Service
University of Arkansas for Medical Sciences (UAMS), continued**

Medical Student Education
Co-Director

October 1993-June 1995

**Committee Assignments and Administrative Services
Children's Healthcare System (ACH PHO)**

Physician-Hospital Organization (PHO) Board of Directors
President
Vice-President
Member

July 2007-June 2009
July 2005-June 2007
July 2003-June 2011

Physician-Hospital Organization (PHO) Credentials Committee
Chair
Member

July 2004-present
July 1997-present

Community Service

2012-present

Historic Arkansas Museum Commission Member

2012-present

Historic Arkansas Museum Foundation, Inc., Board of Directors
President
Vice-President
Treasurer
Member

January 2008-Dec 2009
January 2006-Dec 2007
January 2004-Dec 2005
January 2003-Dec 2010

Sequoiah National Research Center Friends Board Member

January 2011-Dec 2013

Wilford Hall USAF Medical Center

Resident Education Committee, Department of Anesthesiology
Chair

1990-1992

Clinical Competence Committee, Department of Anesthesiology
Chair

1990-1993

Abstracts and Presentations

Oral Presentations

National/International Meetings

Review of Pediatric Sedation Literature 2012-2013
Dental Sedation Simulation Scenarios
Pediatric Sedation 2013

September 2013

Abstracts and Presentations

Oral Presentations

National/International Meetings, continued

Children's Hospital-Boston Harvard Medical School, New York, New York	September 2013
<i>Peri-anesthetic Catastrophes: What Next for the Anesthesiologist</i> Problem-Based Learning Discussion (PBLD) Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology Winter Meeting Las Vegas, Nevada	March 2013
<i>Dental Sedation Simulation Scenarios</i> Pediatric Sedation 2012 Children's Hospital- Boston Harvard Medical School San Francisco, CA	September 2012
<i>Dental Sedation Simulation Scenarios</i> Pediatric Sedation 2011 Children's Hospital- Boston Harvard Medical School Boston MA	September 2011
<i>Desflurane and Sevoflurane in Pediatric Anesthesia</i> Indian Association of Pediatric Anesthesiologists (IAPA Annual Meeting) Indore, India	February 2011
<i>Quality and Safety in Pediatric Anesthesia</i> Indian Association of Pediatric Anesthesiologists (IAPA Annual Meeting) Indore, India	February 2011
<i>Reinvigorating the Morbidity and Mortality (M & M) Conference</i> Problem – Based Learning Discussion (PBLD) Association of American Medical Colleges (AAMC Annual Meeting) Washington, D.C.	November 2005
<i>Reinvigorating the Anesthesiology Morbidity and Mortality</i> <i>or Case Conference Problem-Based Learning Discussion (PBLD)</i> (presented twice)	October 2005

Abstracts and Presentations

Oral Presentations

National/International Meetings, continued

American Society of anesthesiologists (ASA) Annual Meeting Atlanta, Georgia	October 2005
<i>Medical Students and the Anesthesiology Rotation: What to do With the Medical Student Rotating on Anesthesia for the First Time Problem-Based Learning Discussion (PBLD) (presented twice) American Society of Anesthesiologists (ASA) Annual Meeting San Francisco, California</i>	October 2003
<i>Anesthesia for Pediatric Trauma 70th Annual Meeting American Association of Nurse Anesthetists (AANA) Boston, Massachusetts</i>	August 2003
<i>Difficult Airway management in the Pediatric Patient 14th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) San Diego, California</i>	May 2001
<i>Pediatric Trauma: Initial Recognition, Assessment, And Airway Management 13th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Mainz, Germany</i>	May 2000
<i>What's New in Difficult Airway Management of the Child 12th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Chicago, Illinois</i>	May 1999
<i>Intra-operative Management of the Pediatric Trauma patient Annual Breakfast Panel American Academy of Pediatrics Section on Anesthesiology American Society of Anesthesiologists (ASA) Annual Meeting Orlando, Florida</i>	October 1998
<i>Considerations in the Sedations and Anesthetizing of Children Outside of the Operating Room</i>	October 1998

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Abstracts and Presentations

Oral Presentations

National/International Meetings, continued

Moderator American Society of Anesthesiologists (ASA) Annual Meeting Orlando, Florida	October 1998
<i>Initial Identification and Airway Management in the Severely Injured Child</i> 11 th Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Vienna, Austria	May 1998
<i>Radiologic Evaluation of the Child with a Cervical Spine Injury</i> 11 th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Vienna, Austria	May 1998
<i>Identification and Management of the Injured Pediatric Patient</i> 10th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Baltimore, Maryland	May 1997
<i>Radiologic Evaluation of the Injured Child</i> 10 th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Baltimore, Maryland	May 1997
<i>Advances in Pediatrics/Anesthesia</i> Moderator Winter Meeting of the Society for Pediatric Anesthesia (SPA) San Antonio, Texas	February 1997
<i>Pediatric Trauma: Overview and Trends</i> Presented with A Multi-Disciplinary Approach to Traumatology 9 th Annual Meeting International Trauma Anesthesia and Critical Care Society (ITACCS) Las Vegas, Nevada	September 1996

Abstracts and Presentations

Oral Presentations

National/International Meetings, continued

Airway Management in Pediatric Trauma

Presented with A Multi-Disciplinary Approach to Traumatology
9th Annual Meeting
International Trauma Anesthesia and Critical Care Society
(ITACCS)
Las Vegas, Nevada

September 1996

Vascular Access and Fluid Management in Pediatric Trauma

Presented with A Multi-Disciplinary Approach to Traumatology
9th Annual Meeting
International Trauma Anesthesia and Critical Care Society
(ITACCS)
Las Vegas, Nevada

September 1996

Post-Resuscitation Issues in Pediatric Trauma

Presented with a Multi-Disciplinary Approach to Traumatology
9th Annual Meeting International Trauma Anesthesia and Critical
Care Society (ITACCS)
Las Vegas, Nevada

September 1996

Airway Management in Pediatric Trauma Patients

*Radiologic Evaluation of Cervical Spine Series, and Head, Chest
and Abdominal CT Scans in Pediatric Trauma Patients*
8th Annual Meeting
International Trauma Anesthesia and Critical Care Society
(ITACCS)
Baltimore, Maryland

May 1995

Local / Regional Meetings (non-intradepartmental)

Effects of Adverse Patient Events upon Health Care Professionals

UAMS Department of Pediatrics Grand Rounds Series
Little Rock, Arkansas

September 2013

Effects of Adverse Patient Events on Physicians

Area Health Education Center Grand Rounds Series
Jonesboro, Arkansas

July 2013

Pediatric Procedural Sedation

Baxter Regional Medical Center
Mountain Home, Arkansas

March 2012

Local / Regional Meetings (non-intradepartmental), continued

<i>Ethics and Professionalism Teaching in Graduate Medical Education</i> <i>What do we teach, and how do we teach it?</i> UAMS Department of Pediatrics Faculty Development Day University of Arkansas for Medical Sciences Little Rock, Arkansas	August 2010
<i>Introduction to Mentoring:</i> <i>The Who, What, Why, When and How of the Mentoring Process</i> Breaking the barriers of Research: Mentoring and Human Subjects Protection University of Arkansas for Medical Sciences Little Rock, Arkansas	August 2005
<i>The Morbidity and Mortality Conference: Learning from Adverse Medical Errors and Death</i> Teaching Scholars Program University of Arkansas for Medical Sciences Little Rock, Arkansas	June 2005
<i>Adventures in the Pediatric PACU</i> Topics in Pediatric Anesthesia Sr. Jude's Research Hospital Memphis, Tennessee	May 2005
<i>Update on Pediatric Trauma Anesthesia</i> Topics in Pediatric Anesthesia St. Jude Children's Research Hospital Memphis, Tennessee	May 2004
<i>Morbidity and Mortality in Pediatric Anesthesia</i> Pediatric Anesthesia Update St. Jude Children's Research Hospital Memphis, Tennessee	May 2003
<i>Difficulty Airway Management in the Child</i> SLAM 2002 (Street Level Airway Management) Dallas, Texas	April 2002
<i>Rapid Sequence Intubation of the Child</i> Slam 2002 (Street Level Airway Management) Dallas, Texas	March 2002

Local / Regional Meetings (non-intradepartmental), continued

<i>Pediatric Procedural Sedation</i> St. Joseph's Regional Medical Center Hot Springs, Arkansas	March 2002
<i>Sedation of the Pediatric Patient</i> Children's Hospital of Austin Austin, Texas	September 2001
<i>Credentials and Privilege for Pediatric Sedation</i> Children's Hospital of Austin Austin, Texas	September 2001
<i>Sedation of the Pediatric Patient for Procedures</i> Arkansas Patient Safety Initiative Arkansas Foundation for Medical Care Little Rock, Arkansas	March 2001
Initial Evaluation and Airway Management In the Severely Injured Child Anesthesia Review from St. Louis Children's Hospital St. Louis, Missouri	June 2000
<i>Intraoperative Management of the Pediatric Trauma Patient</i> Anesthesia Review from St. Louis Children's Hospital St. Louis, Missouri	June 2000
<i>Pediatric Trauma: Emerging Trends and Characteristics</i> Department of Anesthesiology Wilford Hall USAF Medical Center, Lackland, AFB San Antonio, Texas	July 1996
<i>Pediatric Trauma</i> Department of Anesthesiology Wilford Hall USAF Medical Center, Lackland, AFB San Antonio, Texas	April 1995
<i>Anesthesia Vaporizers</i> Department of Anesthesiology Wilford Hall USAF Medical Center, Lackland, AFB San Antonio, Texas	April 1995
<i>NPO—How Long Can We Go?</i> Fifth Annual Seminar, Texas Pediatric Study Group Salado, Texas	November 1992

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Local / Regional Meetings (non-intradepartmental), continued

<i>Croup and Epiglottitis</i> 19 th Annual Postgraduate Seminar in Anesthesia University of Cincinnati College of Medicine Cincinnati, Ohio	May 1992
<i>NPO-Are We Moving in the Right Direction</i> 19 th Annual Post graduate Seminar in Anesthesia University of Cincinnati College of Medicine Cincinnati, Ohio	May 1992
<i>Current Topics in Neonatal Anesthesia</i> Texas Society of Anesthesiologists Annual Meeting Galveston, Texas	September 1991
Neonatal Anesthesia Department of Pediatrics, Guest Lecturer Program Wilford Hall USAF Medical Center San Antonio, Texas	November 1990

Abstracts and Presentations

Gruppo R, Leimer P, Martin TW, Alder E, Bailey W, Gibbons P. Hemostatic changes during cardiopulmonary bypass surgery in children with acyanotic and cyanotic congenital heart disease. *Thrombosis and Hemostasis* 62:362, 1989.

Sarracino S, Adler E, Gibbons PA, Gruppo R, Bailey WW, Martin TW. DDAVP does not decrease post-bypass bleeding in the acyanotic children. *Anesthesiology* 71:A1057, 1989.

Martin, TW, Morrow R. Continuous transtracheal Doppler cardiac output determination in pediatric patients: correlation with transthoracic continuous wave Doppler cardiac output. *Anesthesiology*: 73:A1126, 1990.

Fanurik D, Kymer PJ, Vollers JM, Schmitz ML, **Martin TW**, Mayhew JF. A comparison of the efficacy of ELA-Max®, ELA-Max® Plus Lidocaine, and Lidocaine for Pediatric IV Insertion— A Preliminary Study. Abstract, Winter SPA/AAP Meeting in Fort Meyers, Florida. February 20-23, 2003.

Shroff P, **Martin TW**. Alternative Medicine Use in Pediatric Ambulatory Surgery Patients at Arkansas Children's Hospital. Abstract, Winter ASA/AAP Meeting, Phoenix, Arizona, March 4-7, 2004.

Martin TW, Klein, EF, Simpson P. Quality and Conduct of the Anesthesiology Departmental Morbidity and Mortality ("M&M") Conference—Faculty and Resident Opinions Presented at 53rd meeting of Association of University Anesthesiologists, Tucson, Arizona, May 11-13, 2006.

Timothy W. Martin M.D. MBA
2/24/2014

Poster Presentations

National International Meetings

- Hogan ML, **Martin TW**, Siddiqui MD, Apuya J. “Development of an Anesthetic Protocol for Patients with Known or Suspected Mitochondrial Disorders: A Quality Improvement Initiative” Presented at the Society for Pediatric Anesthesia/American Academy of Pediatrics 2014 Winter Meeting. Ft. Lauderdale, FL March 2014
- Suleman MI, AkbarAli AN, Kanarek V, Patel A, Li M, **Martin TW**. “Ultrasound-guided Penile Nerve Block for Circumcision: A New, Modified In-Plane Technique Suggesting Lower Anesthetic Volume and Narcotic Use” Presented at the Society for Pediatric Anesthesia/American Academy of Pediatrics 2014 Winter Meeting. Ft. Lauderdale, FL March 2014
- Ghafoor AU, Shah S, Parray T, **Martin TW**. “Endotracheal Tube Obstruction Caused by the Tube Orifice Abutting the Trachea—A Novel Technique Used to Resolve the Problem in a Pediatric Patient “Medically challenging case presentation, American Society of Anesthesiologists, Annual Meeting New Orleans, Louisiana October 2009
- Parray T, Shah S, **Martin TW**. “Type II Post Obstructive Pulmonary Edema after Tonsillectomy and Adenoidectomy” Medically challenging case presentation; American Society of Anesthesiologists Annual Meeting, New Orleans, Louisiana October 2009
- Parry T, Shah S, Ghafoor AU, **Martin TW**. “Incidental Finding of Innominate Artery Compression Syndrome and complete Tracheal Rings in an Asymptomatic Child” Medically challenging case presentation; American Society of Anesthesiologists Annual Meeting, New Orleans, Louisiana October 2009
- Shah S, Shah S., Sangari TS, **Martin TW**, Unusual Complication Following Laparoscopic Pyloromyotomy and a Classic Pediatric Anesthesia Dilemma. “Presented at the Society for Pediatric Anesthesia and American Academy of pediatrics, Section on Anesthesiology and Pain Medicine, Spring 2008 Meeting. San Diego, California April 2008

Poster Presentations

National International Meetings, continued

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|---|--------------|
| Shah S, Shah S, Sangari TS, Qasim M, Martin TW . "Severe Hypertension and Bradycardia after Dexmedetomidine for Radiology Sedation in a Patient with Acute Transverse Myelitis." Presented at the Society for Pediatric Anesthesia and American Academy of Pediatrics, Section on Anesthesiology and Pain Medicine, Spring 2008 Meeting, San Diego, California | April 2008 |
| Ghafoor AU, Martin TW . "Endotracheal Tube Obstruction Caused by The Tube Orifice Abutting the Trachea—A Novel Technique Used to Resolve the Problem in a Pediatric Patient." Presented at the Society for Pediatric Anesthesia and the American Academy of Pediatrics, Section on Anesthesiology , 2008 Spring Meeting, San Diego, California | April 2008 |
| Sangari TS, Martin TW , Schmitz ML, Ullah S, Ghaleb A. " Web-Based Video Lectures for Medical Students: Anesthesiology Clerkship at the University of Arkansas for Medical Sciences." Presented at the Society for Pediatric Anesthesia and the Academy of Pediatrics, Section on Anesthesiology and Pain Medicine Spring Meeting, San Diego, California | April 2008 |
| Sangari TS, Ghafoor AU, Shah S, Martin TW . "Management of an Infant with Undiagnosed Critical Coarctation of Aorta Presenting for Partially Obstructed Inguinal Hernia Repair." Presented at the 2007 American Society of Anesthesiologists' Annual Meeting, San Francisco, California | October 2007 |
| Gopalakrishnan S, Apuya JS, Harea J, Martin TW . "Anesthetic Management of a Pediatric Patient with Idiopathic Arterial Calcification with Fused Cervical Spine Presenting for Dental Rehabilitation." Presented at the 2007 American Society of Anesthesiologists' Annual Meeting, San Francisco, California | October 2007 |
| Sangari TS, Martin TW , Schmitz ML, Ghaleb A, Ullah S. Web-based Lecture Series for Medical Students: Anesthesiology Clerkship at the University of Arkansas for medical Sciences. Presented at the 2007 American Society of Anesthesiologists; Annual Meeting, San Francisco, California | October 2007 |

Poster Presentations

March 2007

National International Meetings, continued

Hussain S, Al-Takrouiri H, Siddiqui MS, **Martin TW**, McCarthy RE, Pierce CD, Killebrew PM. "Aprotinin Use in Healthy ASA 1 and 2 Children Undergoing Posterior Spinal Arthrodesis with Harrington Rods for Idiopathic Scoliosis Did Not Result in Renal Insufficiency or Failure...A Retrospective Review. Presented at the Society of Pediatric Anesthesia Spring Meeting, Phoenix, Arizona

Gopalakrishnan S, Shah S, Sangari TS, **Martin TW**. "Anesthetic Management of a neonate with Metatropic Dwarfism and Severe C-Spine Instability." Presented at the Society for Pediatric Anesthesia Spring Meeting, Phoenix, Arizona

March 2007

Martin TW, Klein EF, Simpson P. "Quality and Conduct of the Anesthesiology Department Morbidity and Mortality ("M&M") Conference—Faculty and Resident Opinions." Presented at 53rd Meeting of Association of University Anesthesiologists (AUA), Tucson, Arizona

May 2006

Gopalakrishnan S, Siddiqui S, Schmitz ML, Hussain S, **Martin TW**. "Is Epidural Analgesia Safe in Pediatric Patients Undergoing Thoracotomy for Empyema?" Poster presentation at the 8th America-Japan Annual Congress, Honolulu, Hawaii

March 2005

Shroff P, **Martin TW**. "Alternative Medicine Use in Pediatric Ambulatory Surgery Patients at Arkansas Children's Hospital. Poster Presentation Winter SPA/AAA Meeting, Phoenix, Arizona

March 2004

Fanurik D, Kymer PJ, Vollers JM, Schmitz ML, **Martin TW**, Mayhew JF. "A Comparison of the Efficacy of ELA-Max®, ELA-Max® Plus Lidocaine, and Lidocaine for Pediatric Insertion—a Preliminary Study. Poster Presentation at Winter SPA/AAA Meeting, Ft. Meyers, Florida

February 2003

Publications

Journal Articles

1. Parsons DS, Lockett JS, **Martin TW**. Pediatric endoscopy: pediatric and surgical techniques. *Am J Otolaryngol* 1992 Sept-Oct; 13(5): 271-83.

2. Koh JL, Harrison DR, Stephen S, Marchitto K, **Martin TW**. Local anesthesia by topical application of lidocaine after stratum corneum ablation with an ER: Yag Laser. *The Internet Journal of Anesthesiology* 2003 volume 6 number 2

<http://ispub.com/ostia/index.php?xmFilepath=journals/ija/vol6n2/laser.xml>

Publications

Journal Articles, continued

3. Al-Takroui H, **Martin TW**, Mayhew JF, Hyperkalemic cardiac arrest following succinylcholine administration: The use of extracorporeal membrane oxygenated in an emergency situation. *J Clin Anesth* 2004 Sep; 16(6):449-51.
4. Ghafoor AU, **Martin TW**, Mayhew JF. Caring for the patients with Cervical Spine injuries: What Have We Learned? *J Clin Anesth* 2005 Dec; 17(8):640-649.
5. Shroff PK, **Martin TW**, Schmitz ML. Successful anesthetic management of a child with an extensive facial hemangioma and high output cardiac failure for placement of a central venous catheter. *Paediatr Anaesth* 2006 Jan; 16(1):77-81.
6. **Martin TW**. Hospital system institutes random drug test for physicians. *hcPRO Medical Staff Briefing* 2007 Feb; 17(2):4-6.
7. Shah S, **Martin TW**, Sangari TS, Qasim MY, Severe hypertension and bradycardia after dexmedetomidine for radiology sedation in a patient with acute transverse myelitis. *Paediatric Anesth* 2008 Oct; 2008 Jul; 18(7) 681-682.
8. Gopalakrishnan S., Shah S, Apuya JS, **Martin TW**. Anesthetic management of a patient with idiopathic arterial calcification of infancy and fused cervical spine. *Paediatr Anaesth* 2008 Jul;18(7) 681-682
9. Shah S, Shah S, Apuya J, Gopalakrishnan S, **Martin TW**. Combination of oral ketamine and midazolam as a premedication for a severely autistic and combative patient. *J Anesth* 2009; 23(1)126-128.
10. Shah S, Shah S, Apuya J, **Martin TW**. Use of Intralipid® in an infant with impending cardiovascular collapse due to local anesthetic toxicity. *J Anesth* 2009; 23:439-441.
11. Haret DM, **Martin TW**. Acute-recurrent subcutaneous emphysema after ventriculopleural shunt placement. *J Clin Anesth* 2009; 21:352-4.
12. **Martin TW**, Roy RC. Cause for Pause After a Perioperative Catastrophe: One, Two or Three Victims? (editorial) *Anesth Analg* 2012; 114:485-7.
13. **Martin TW**, Aunspaugh JP: The “other tube” in the airway: what do we know about it? (editorial) *Anesth Analg* 2014; 118; 501-3.
14. **Martin TW**, Block FE, Jr: When will we ever know our machine is adequately flushed? (editorial) *Anesth Analg* 2014 (in press).

Publications

Journal Articles, continued

15. Karkera MM, Aunspaugh JP, Harrison RD, **Martin TW**: Assessing adequacy of caudal block concentrations of bupivacaine with and without the addition of intravenous fentanyl on postoperative outcomes in pediatric patients: a retrospective review. *Am J Ther* 2014 (in press).

Book Chapters

1. **Martin TW**, Sanders EG. "Anesthesia for Procedures in the Neonatal Intensive Care Unit." In: *Anesthesia for Remote Locations*, (Edited by Romanoff ME, Mirenda JV) volume (6) number 4 of Problems in Anesthesia. Philadelphia, J.B. Lippincott Co., 1992.
2. Sanders ET, **Martin TW**, "Anesthesia for Magnetic Resonance Imaging "In: "Anesthesia for Remote Locations", (edited by Romanoff ME, Mirenda JV) volume 6 number 4 of Problems in Anesthesia. Philadelphia J.B. Lippincott Co. 1992.
3. **Martin TW**. "The Neonate" In: Gravenstein NG, Kirby RR (eds), Clinical Anesthesia Practice. Philadelphia, W.B. Saunders Co., 1994.
4. **Martin TW**, Johnson VG. "The Pediatric Patient." In: Gravenstein NG, Kirby RR (eds), Clinical Anesthesia Practice. Philadelphia, W.B. Saunders Co., 1994.
5. **Martin TW**. "The Most Exceptional Feature." In: Bell MH (ed), Raising a Medical School: An Anecdotal History of the University of Missouri-Kansas City School of Medicine, 1970-1995. UMKC Office of Educational Resources, Kansas City, 1995.
6. **Martin TW**, Stoner JM. "The Neonate." In: Gravenstein NG, Kirby RR (eds.) Clinical Anesthesia Practice. (Second Edition) Philadelphia, W.B. Saunders Co., August 2001.
7. **Martin TW**, Stoner JM. "The Pediatric Patient." In: Gravenstein NG, Kirby RR (eds.) Clinical Anesthesia Practice. (Second Edition) Philadelphia, W.B. Saunders Co., August 2001.
8. Ghafoor, AU, **Martin TW**. "The Pediatric Airway" In: Rich, J (ed.) The Emergency Airway, New York, Prentice Hall, 2007.
9. Zabala LM, **Martin TW**. "Acute Anemia" In: (Lobato EB, Gravenstein N, Kirby RR, Editors) Complications in Anesthesiology, Philadelphia, Lippincott, Williams and Wilkins, 2008.
10. Parray T, **Martin TW**. "Specific Complications of Neuroradiological Interventions in Pediatric Patients" Brambrick A, Kirsch J (ed) Essentials of Neurosurgical Anesthesia and Critical Care, New York, Springer, 2012.

Letters

1. Robinson DL, **Martin TW**, Schmitz ML, and Mayhew JF. Is fast-tracking for pediatric ambulatory surgery really beneficial? *Anesth Analg*. 2001 Nov; 93(5):1361.
2. Mohiuddin S, **Martin TW**, Mayhew JF. Difficult airway management of a child impaled through the neck. *Paediatr Anaesth*. 2002 May; 12(4):378; author reply 378-9.
3. **Martin TW**, Mayhew JF. Baclofen pumps: comment on Anderson et al. *Paediatr Anaesth*. 2003 Sep; 13(7):640; author reply 640-1.
4. **Martin TW**, Mayhew JF. Baclofen, hemodynamic instability and delayed emergence: our perspective. *Anesthesiology*. 2003 Sep; 99(3):758; author reply 759.
5. Onisei AM, Shroff P, **Martin TW**. Defective endotracheal tube--cause of airway obstruction. *Paediatr Anaesth*. 2003 Oct; 13(8):739-740.
6. Ghafoor AU, **Martin TW**. "RSI"--is it rapid sequence induction or rapid sequence intubation? *Pediatr Emerg Care*. 2004 Nov; 20(11):803.
7. **Martin TW**. Radiation therapy removes anesthesia provider from the treatment room. *Anesthesia Patient Safety Foundation Newsletter*, 2005:20(3):57.
8. Shah S, Sangari T, Qasim M, **Martin TW**. Severe hypertension and bradycardia after dexmedetomidine for radiology sedation in a patient with acute transverse myelitis. *Paediatr Anaesth*. 2008 July; 18(7):681-682.
9. Shah S, Sangari T, **Martin TW**. An unusual complication following laparoscopic pyloromyotomy and a classic pediatric anesthesia dilemma. *Paediatr Anaesth*. 2008 Aug; 18(8):800-801.
10. Denisa M. Haret, Anna Maria Onisei, **Martin TW**. Acute-recurrent subcutaneous emphysema after ventriculopleural shunt placement. *Journal of Clinical Anesthesia*. 2009 Aug; 21(5), 352-354.
11. **Martin TW**. Anticipate and include other key stakeholders in ethics case discussions. *Pediatrics Official Journal of the American Academy of Pediatrics*. 2010 July 2 (126).